



1648
Box 500

PATENT
Customer Number 22,852
Attorney Docket No. 07691.0005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
BRENDAN LARDER et al.

Group Art Unit: 1648

Application No.: 09/640,787

Examiner: Winkler

Filed: August 18, 2000

For: Method For Mutation Detection in
HIV-1 Using Pol Sequencing

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MAY 30 2002

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

RESPONSE AND AMENDMENT

In response to the Office Action dated February 27, 2002, Applicants respectfully request reconsideration of the subject application in light of the following remarks and amendments.

IN THE CLAIMS:

Please amend claims 1, 2, 4, 5, 6 and 7 as follows:

1. A method for detection of mutations in the *pol* gene of HIV-1 isolates comprising the steps of:
- a) isolation of a sample comprising HIV-1 RNA,
 - b) PCR amplifying RNA from said sample using a primer chosen from an outer primer chosen from SEQ ID No: 1 or SEQ ID No: 2 to obtain a primary PCR product,
 - c) PCR amplifying said primary PCR product using a 5' and 3' primer chosen from an inner primer chosen from SEQ ID No: 3, SEQ ID No: 4,

Beamed